




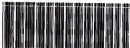


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| LIBRARY OF CONGRESS  0 029 767 438 9 | 1971 | 5 | TK451. N65 TK451. S5 |
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| | 1973 | | Missing |
| LIBRARY OF CONGRESS  0 029 767 440 7 | 1974 1 BOX | 12 | TK1081. Z9 no. 1-12 (1902-Undated) |
| | 1975A | 17 | TK1081. Z9 no. 1-17 (1920-30) |
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RADIO TECHNICAL PLANNING BOARD

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COMMITTEE 2

CARRIER FREQUENCY CAPABILITIES

PANEL 1

SPECTRUM UTILIZATION

Printed in U.S.A.
P1C2-463-A
September 28, 1944

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RADIO TECHNICAL PLANNING BOARD

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PANEL 4

STANDARD BROADCASTING

October 2, 1944
P4-586-A
Printed in U.S.A.

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#12



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RADIO TECHNICAL PLANNING BOARD

COMMITTEE 4

Frequency Allocation and Service Limits

PANEL 6

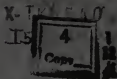
TELEVISION

April 14, 1944

ROC4-288-A

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COMMITTEE 5

**Standards of Good Engineering Practice for
Television Transmitters**

PANEL 6

TELEVISION

April 14, 1944
P6C5-310-A
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R A D I O T E C H N I C A L P L A N N I N G B O A R D

MINUTES OF FIFTH MEETING OF PANEL 2

FREQUENCY ALLOCATIONS

HELD

NOVEMBER 1, 1944

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RADIO TECHNICAL PLANNING BOARD

COMMITTEE 2

Synchronization Standards and Video Modulation

PANEL 6

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X-TR-6540-15
April 14, 1944
F6C2-398-A
Printed in the U.S.A.



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RADIO TECHNICAL PLANNING BOARD

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Report On
Standards and Frequency Allocations
For
Postwar Television

PANEL 6
TELEVISION

April 14, 1944
PC-300-A
Printed in the U.S.A.

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RADIO TECHNICAL PLANNING BOARD

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Report On
Standards and Frequency Allocations
For
POSTWAR FM BROADCASTING

PANEL 5

June 1, 1944

PS-344-A

Printed in the U.S.A.

February 20, 1945

Docket No. 8651



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I5

Brief re: Panel 13, Committee 8, Limited Private Telephone
Submitted by Daniel E. Noble

At the allocation hearing I presented a request for the licensing of a service which was described as a Limited Private Telephone Service. My proposal suggested a liberal licensing policy for the use of one watt portable FM walkie-talkie units in business applications where factors of safety and efficiency would be increased. The FCC report considers the request, but substitutes the "Citizens' Radio" allocation. The Citizens' Radio allocation offers some very interesting possibilities and the challenge to explore the possibilities will be met by the radio industry and by the radio amateurs of the country. I hope that the 460 to 470 mc. Citizens' Radio allocation will become a part of the FCC final report.

While the Citizens' Radio assignment is interesting, it does not in any way substitute for the Limited Private Telephone proposal. The high battery drain, limited receiver sensitivity, and severe shadowing effects encountered in the 460 to 470 mc. band make it unsuitable for the type of walkie-talkie service proposed for the Limited Private Telephone service. I feel that the responsibility for the failure of the Commission to make some provision for the walkie talkie proposal is my own, since it is evident from the report that my proposal was not fully understood. I wish to clarify the proposal:

Under the Rules and Regulations of the FCC a Provisional Station is "a station operating in the Intermittent Service for communications relative to the safety of life and property, or communications which are a practical necessity in connection with projects of benefit to the public welfare". What I propose is a liberalized Provisional Radio Service. I suggest that the present provisional station rules be retained to cover Class I Provisional Stations and that the rules be extended to include a new class to be known as Class II Provisional Stations. A Class II Provisional Station shall be a portable or portable-mobile station with a maximum power output of 1 watt. The transmitter shall be crystal controlled and the station design shall be subject to FCC approval. Certificates of approval shall be granted by the FCC for satisfactory manufacturers' designs and a simple card license will be issued to the user of approved equipment.

For the present, no change in operators' license requirements are proposed. Until the regulation problems could be explored, third class operator certificates would be required. At some date a simplified form for Class II Provisional Station operator's license may also be adopted.

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PL308-684-A

X-TK6540
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SUBMITTED BY PANEL 4 AT ORAL ARGUMENT
BEFORE FCC STARTING FEBRUARY 28, 1945

FEDERAL COMMUNICATIONS COMMISSION

WASHINGTON, D. C.



In the Matter of: }

Allocation of Frequencies to the }
various classes of non-governmental }
services in the radio spectrum from }
10 kilocycles to 30,000,000 kilo- }
cycles. }

DOCKET NO. 6651

Panel 4 on Standard Broadcasting of the Radio Technical Planning Board respectfully submits this Memorandum Brief in the above entitled matter in an endeavor to assist the Commission in determining the minimum allocation requirements of certain services which are supplementary and incidental to standard broadcasting.

REPORT OF PROPOSED ALLOCATION

OF 25,000 TO 30,000,000 KILOCYCLES, DOCKET 6651

Under date of February 1, the proposals of the Commission as set forth on pages 59 to 65 inclusive of the report, were transmitted to the membership of the panel. Expressions of opinion were requested in order that such views may be made known to the Commission. It appears that the membership of the Panel are in general agreement with the Commission's proposals with the exception of those pertaining to the allocation of frequencies for relay broadcasting. The allocation for this service has been the subject of considerable study by subcommittees of Panel 4, as many broadcasters attach much importance to this service.

Relay broadcasting has made it possible to bring to the public the most important public service events of our time, some of which would have been impossible without adequate relay channels and others on which

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R A D I O T E C H N I C A L P L A N N I N G B O A R D

PANEL 3

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